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August 10, 2000

ATTACHMENT III

Exhibit F

Exhibit G

Exhibit H

ATTACHMENT III

NETWORK ELEMENTS

Section 1. Introduction

1.1 Bell Atlantic shall provide unbundled Network Elements in accordance with this Agreement and Applicable Law. The price for each Network Element is set forth in Attachment I of this Agreement. Except as otherwise set forth in this Attachment, MCI may order Network Elements as of the Effective Date. The obligations set forth in this Attachment III shall apply to such Network Elements: (i) available when this Agreement becomes effective; (ii) that subsequently become available; and (iii) in all cases to those features, functions, Combinations, and capabilities, the provision of which is Technically Feasible at such time as they are incorporated in unbundled Network Elements offered by Bell Atlantic.

Section 2. Unbundled Network Elements

2.1 Bell Atlantic shall offer Network Elements to MCI on an unbundled basis on rates, terms and conditions that are just, reasonable, and Non-Discriminatory in accordance with the terms and conditions of this Agreement. For purposes of this Attachment III, "Non-Discriminatory" means at least two things: (i) the quality of a Network Element that Bell Atlantic provides, as well as the access to that Network Element, must be equal for all carriers requesting access to that Network Element; and (ii) where Technically Feasible, the access to and the unbundled Network Element(s) provided by Bell Atlantic must be provided in substantially the same time and manner as that which Bell Atlantic provides to itself. In the rare instances where Technical Feasibility issues arise, Bell Atlantic must prove to the Commission that it is technically infeasible to provide access to the Network Element(s) at the same level of quality that Bell Atlantic provides to itself.

2.2 Bell Atlantic shall permit MCI to connect MCI's facilities or facilities provided to MCI by third-parties with each of Bell Atlantic's unbundled Network Elements at those generic points within Bell Atlantic's network, designated within this Agreement or as a result of the Bona Fide Request ("BFR") process.

2.3 MCI may use one or more Network Elements to provide features, functions, or capabilities that such Network Element(s) provide as of the date hereof in Bell Atlantic's network, or as may otherwise be agreed upon through the BFR process.

2.3.1 MCI may, at its option, select methods of access to unbundled elements, as described in this Agreement, or as may otherwise be agreed upon through the BFR process.

2.4 Bell Atlantic shall offer each Network Element individually and in Combinations (where Technically Feasible), solely in order to permit MCIIm to provide Telecommunications Services to its subscribers. Bell Atlantic shall offer each Network Element individually or as Technically Feasible logical and contiguous Combinations of any other Network Element or Network Elements. This includes, but is not limited to, the Combination of all Network Elements, also known as Network Element Platform and Loop Transport Combinations. Bell Atlantic shall not separate Network Elements that are already combined on Bell Atlantic's network unless requested by MCIIm. Services provided through Combinations of Network Elements or UNE-P will not be disconnected, interrupted, or otherwise modified in order for customers to migrate to MCIIm. Bell Atlantic's charge to MCIIm for any Combination may not exceed the TELRIC price for the sum of Network Elements that comprise the Combination. At MCIIm's request and where Technically Feasible, Bell Atlantic shall provide Combinations of Network Elements whether or not those Network Elements were combined in Bell Atlantic's network.

2.4.1 Bell Atlantic's provision of Loop/Transport Combinations must comply with the following requirements:

2.4.1.1 The Loop/Transport Combination must provide completed end-to-end cross connection of the channels designated by MCIIm.

2.4.1.2 The Loop/Transport Combination must provide multiplexing or concentration (at MCIIm's request), format conversion, signaling conversion, and through-testing consistent with the underlying capabilities of the equipment deployed in the Bell Atlantic network.

2.4.2 With respect to Loop/Transport Combinations, MCIIm will be responsible for all channel facility assignment (CFA).

2.4.3 Bell Atlantic may only perform maintenance on Loop/Transport Combinations at MCIIm's direction.

2.4.4 Without requiring MCIIm to collocate at all or particular Bell Atlantic serving wire centers, MCIIm may provide its own, or request Bell Atlantic to provide, either multiplexing concentration or digital cross connection equipment with any Loop/Transport Combination. Types of this Combination include, but are not limited to, Combinations of DS1 Transport and DS0 Loops and DS3 Transport and DS1 Loops.

2.5 For each Network Element, Bell Atlantic shall provide connectivity at a point which is agreeable to both Parties. However, where Bell Atlantic provides combined Network Elements at MCIIm's request, no connectivity point between the Parties shall exist between such contiguous Network Elements.

2.6 This Attachment describes the initial set of Network Elements which MCIIm and Bell Atlantic have identified ~~as of the Effective Date of this Agreement:~~

Loop (including all subloop components)
Subloop (including inside wire)
Network Interface Device
Local Switching (also known as Circuit Switching)
Packet Switching
Dark Fiber
Operator Systems
~~Common~~ **Shared Transport**
Dedicated Transport
Signaling Link Transport
Signaling Transfer Points
Service Control Points/Databases
Service Management Systems
Tandem Switching
Directory Assistance Service
Directory Assistance Database
OSS

2.6.1 MCIIm and Bell Atlantic agree that the Network Elements identified in this Attachment may prove not to be all of the possible Network Elements.

2.6.2 MCIIm may identify additional or revised Network Elements as necessary to provide Telecommunications Services to its subscribers, to improve network or service efficiencies or to accommodate changing technologies, subscriber demand, or other requirements.

2.6.2.1 MCIIm will request any such Network Elements in accordance with the BFR process described in Section 25 (BFR Process for Further Unbundling) of Part A. Additionally, if Bell Atlantic provides any Network Element that is not identified in this Agreement to another CLEC pursuant to an approved Interconnection Agreement, Bell Atlantic shall make available the same Network Element to MCIIm under the same terms, and conditions, as required by 47 U.S.C. Section 252(i).

Section 3. Technical Standards and Technical Specifications for Network Elements

3.1 Each Network Element shall be furnished at the service levels included in this Agreement and in accordance with the performance standards required in this Agreement.

3.2 Each Network Element provided by Bell Atlantic to MCIIm, unless identified differently in this Agreement, shall be provided at Parity and in a Non-Discriminatory manner in the areas of: quality of design, performance, features, functions, capabilities

and other characteristics, including but not limited to levels and types of redundant equipment and facilities for power, diversity and security, that Bell Atlantic provides to itself (where applicable and Technically Feasible), Bell Atlantic's own subscribers (where applicable and Technically Feasible), to a Bell Atlantic Affiliate, or to any other entity, as set forth in the FCC Rules and Regulations, as the same may be amended from time to time.

3.2.1 Bell Atlantic shall provide to MCIIm, upon reasonable request, reasonably available engineering, design, performance and other network data sufficient for MCIIm to determine that the requirements of this Section 3 are being met. In the event that such data indicates that the requirements of this Section 3 are not being met, the Parties shall in good faith endeavor to address the issue at the network operations supervisor level, and if necessary, employ the escalation procedure of Section 15.1.2.

3.2.2 Bell Atlantic agrees to work cooperatively with MCIIm to ensure that the Network Elements that are provided pursuant to this Agreement will meet MCIIm's reasonable needs in providing services to its subscribers.

3.3 Unless otherwise requested by MCIIm, each Network Element and the connections between Network Elements provided by Bell Atlantic to MCIIm shall be made available to MCIIm at Parity and in a Non-Discriminatory manner at the points identified in this Agreement, or additional points made available through the BFR process.

Section 4. Loop and Subloop

4.1 Definition+

~~4.1.1 Unbundled Local Loop ("ULL") means a transmission facility between a distribution frame, or its equivalent, in a Bell Atlantic central office or wire center, and the loop demarcation point at an end-user customer premises, including inside wire owned by Bell Atlantic or one of Bell Atlantic's Affiliates. The Loop includes all features, functions, and capabilities of this transmission facility including, but not limited to, dark fiber, attached electronics (except those electronics used for provision of advanced services, such as DSLAMs), and line conditioning. When Bell Atlantic provides MCIIm with a Loop, MCIIm will have exclusive use of this Loop element. The Loop may be used to provide modes of transmission that include, but are not limited to, two-wire and four-wire analog voice-grade transmission, and two-wire and four-wire transmission of ISDN, ADSL, HDSL, and DSL, DS3, fiber, and other high capacity signals. A transmission path that extends from the vertical side of a main distribution frame, DSX panel, or functionally comparable piece of equipment in the subscriber's serving End Office to the Network Rate Demarcation Point (or Network Interface Device ("NID") if installed) in or at a subscriber's premises. The actual loop~~

~~transmission facilities used to provide a ULI may utilize any of several technologies.~~

~~1.1.2 Subject to Part A, Section 29 (Facilities), Bell Atlantic shall allow MCI to access to the following ULIs (in addition to those ULIs available under applicable Tariffs) including without limitation unbundled from Local Switching and local transport in accordance with the terms and conditions set forth in this Section 1:~~

~~1.1.2.1 2 wire analog voice grade ULI or analog 2W provides an effective 2 wire channel with 2 wire interfaces at each end that is suitable for the transport of analog voice grade (nominal 300 to 3000 Hz) signals and loop start signaling. The service is more fully described at Exhibit A of this Attachment III.~~

~~1.1.2.2 4 wire analog voice grade ULI or analog 4W provides an effective 4 wire channel with 4 wire interfaces at each end that is suitable for the transport of analog voice grade (nominal 300 to 3000 Hz) signals. The service will operate with one of the following signaling types that may be specified when the service is ordered: loop start, ground start, loop reverse battery, duplex, and no signaling. The service is more fully described in Exhibit B of this Attachment III.~~

~~1.1.2.3 2 wire ISDN digital grade ULI or BRI ISDN provides a channel with 2 wire interfaces at each end that is suitable for the transport of 160 kbps digital services using the ISDN 2B1Q line code. The service is more fully described in Exhibit C of this Attachment III.~~

~~1.1.2.4 4 wire DS-1 compatible ULI provides a channel with 4 wire interfaces at each end. Each 4 wire channel is suitable for the transport of 1.544 mbps digital signals simultaneously in both directions using PCM line code. DS-1 compatible ULIs will be available where existing copper facilities can meet the specifications. The service is more fully described in Exhibit C of this Attachment III.~~

~~1.1.2.5 ULIs will be offered on the terms and conditions specified herein and on such other terms in applicable Tariffs that are not inconsistent with the terms and conditions set forth herein.~~

~~1.1.3 If Bell Atlantic uses integrated digital loop carrier ("DLC") systems to provide the local loop, Bell Atlantic will make alternate arrangements if available, meeting the requirements of this Section 1, to permit MCI to order an existing contiguous ULI with the same provisioning intervals at no additional cost to MCI. These arrangements may, at Bell Atlantic's option, include the following: provide MCI with copper facilities or universal DLC that are acceptable to~~

~~MCIm. Additional arrangements, such as deployment of Virtual Remote Terminals, or allowing MCIm to purchase the entire DSLC, are subject to the BFR procedures of Section 25 of Part A of this Agreement.~~

4.2 - Digital Subscriber Line Loops~~Loop Components~~

~~MCIm may, at its option, raise the issue of subloop unbundling (other than NID) unbundling, which is addressed in Section 5 of this Attachment III) either through the BFR procedure set forth in Section 25 of Part A of this Agreement, or by cooperating with Bell Atlantic in the design and implementation of a subloop unbundling technical and operational trial. Loop components may include, but are not limited to, the following:~~

4.2.1 Loop Concentrator Multiplexer~~Definition.~~ "Digital Subscriber Line" or "DSL," refers to a set of service-enhancing copper technologies that are designed to provide digital communications services over copper loops either in addition to or instead of normal analog voice service. Whether or not Bell Atlantic offers Advanced Services to the customer on a particular Loop, Bell Atlantic shall provide DSL Loops as requested by MCIm.

4.2.2 Loop Feeder~~Integrated Digital Loop Carrier.~~ Bell Atlantic shall provide Loops provisioned over integrated digital loop carrier (IDLC) in one of the following ways, as specified by MCIm:

4.2.2.1 multiple switch hosting through the use of GR303;

4.2.2.2 integrated network access (INA), whereby specific DS-0s are field groomed into specific INA groups as formatted DS-1s;

4.2.2.3 DCS grooming, whereby specific DS-0s are groomed onto DS-1s at the DCS;

4.2.2.4 Side-door grooming (hairpinning); or

4.2.2.5 Removal of circuit from IDLC system onto all copper facilities to the main distribution frame.

Bell Atlantic shall not charge MCIm any additional rates for the provisioning of Loops over IDLC, as the costs of these are included in the recurring rate for the Loop.

4.2.3 When Loops are provided over an IDLC system, Bell Atlantic shall permit MCIm, at MCIm's discretion, the ability to collocate DSLAMs or other DSL equipment at the remote terminal where the copper portion of the IDLC-provided Loop terminates.

4.2.4 Until such time as DSLAMs can be multi-hosted directly to MCIm ATM switches, Bell Atlantic shall permit MCIm to gain access to DSL Loops at the Bell Atlantic ATM switch that is connected to the specific DSLAM at issue.

4.2.5 Provisioning and Installation of Advanced Services Loops. Bell Atlantic shall provision and install Loops for advanced services within the same time frames, and under the same terms and conditions, as analog Loops, unless otherwise specified in this Section 4.2. Bell Atlantic shall use either a baseband or a passband technique to implement the transmission of advanced services traffic over twisted pair Loops.

4.2.6 Loop Qualification Process. Bell Atlantic shall provide MCIm with electronic access to all Loop make-up information that is currently or subsequently made available on an electronic basis to any employees of Bell Atlantic or Bell Atlantic's Affiliate(s). MCIm, at its option, may also authorize Bell Atlantic to provide electronic access to all Loop make-up information, requested by one or more MCIm authorized Advanced Service suppliers, for the purpose of determining availability of Loops capable of delivering Advanced Services. Such electronic access shall be made available to MCIm within 30 days of MCIm's request whether or not Bell Atlantic has instituted database security procedures. Bell Atlantic shall provide MCIm with advance notice of any changes to the information content, structure, business rules or any other factors relevant to the information access, in accordance with the requirements set forth in Attachment VIII and this Attachment III. Bell Atlantic shall offer training for MCIm personnel that is no less complete and timely than that provided to other CLECs, personnel of Bell Atlantic or Bell Atlantic Affiliates who utilize the Loop qualification information. To the extent MCIm requires additional Loop qualification information that is not available electronically from Bell Atlantic, but is maintained in manual records, Bell Atlantic shall make such information available in a mutually agreeable form within the same time frame that the information is available to Bell Atlantic's own personnel or that of Bell Atlantic's Affiliate.

4.2.6.1 Unless specifically waived by MCIm, Bell Atlantic shall make all qualification information, sufficient to answer the following questions, available to MCIm in a nondiscriminatory manner:

- Is there a digital Loop carrier (DLC) present anywhere between the customer's premises and serving Central Office? If so, what type of DLC is present? Will it support Advanced Services? Can it be removed and replaced with copper facilities?
- Are there any intervening active or passive electronics on the Loop that can reasonably be expected to affect the information-carrying capacity of

the Loop facility? If so, what are they and where are they located? Can it be removed and replaced with copper facilities?

- What are the working and total length of the Loop and how many feet of each wire gauge make up the length of the working Loop?
- How many gauge changes are on each Loop, e.g. 24-gauge and 26-gauge and how long is each gauge change?
- Are there Bridge Taps on the Loop? If so, what are the locations, length and gauge of each? Can they be removed?
- What is the total Loop resistance measured in ohms?
- Disturbances are determined by PSD mask not by DSL technology or vendor.
- How many disturbances are present within the same binder group in which the Loop under consideration is located and what is the nature of each disturber? These disturbances are inclusive of but not limited to those listed in T1.413 Issue 2.
- How many disturbances are present within the same cable and what is the nature of each? These disturbances are inclusive of but not limited to those listed in T1.413 Issue 2.
- What Loop design strategy was used for the Loop? (e.g., Resistance Design (RD), Long-Route Design (LRD) or Unigauge (UG), which were largely employed prior to 1980, and Revised Resistance Design (RRD), Modified Long-Route Design (MLRD) and Concentrated Range Extender with Gain (CREG) which are employed primarily on a going-forward basis.)

4.2.6.2 Bell Atlantic, upon the Effective Date of this Agreement, shall disclose to MCI all Loop qualification data that is used or useful for understanding the transmission characteristic of a Loop, regardless of whether or not the retail operations of Bell Atlantic, or the Advanced Services Affiliate of Bell Atlantic, currently utilizes such information. Bell Atlantic shall, at the same time, identify what information is maintained in electronic versus hard copy media. To the extent multiple sources of the same information exist, Bell Atlantic shall identify the most reliable source. Information disclosure must not be limited to that necessary to answer the preceding questions. For example, to the extent Bell Atlantic keeps records that may permit MCI to understand the quality of the Loop, such records must be identified, including any overall quality indicator that may be retained with the Loop record, even if it is subjective in nature. Likewise any baseline test results recorded for the Loop and any history of trouble tickets logged for the Loop under consideration should be identified. Within 30 days after supplying the preceding information, unless the Parties agree to allow more time, MCI and

Bell Atlantic shall identify information that will be provided on a routine Loop qualification request and that will be provided through other request mechanisms. In addition, MCIm and Bell Atlantic shall agree upon which elements shall be provided electronically and which may be provided through an alternative mechanism, and the time frames in which such access must be provided.

4.2.6.3 Bell Atlantic shall provide MCIm with any and all information currently available or subsequently made available directly or indirectly to Bell Atlantic's retail operation and Affiliates. Such information includes, but is not limited to, any assessment of what specific variant of DSL capability a Loop can support and whether such support is contingent upon utilization of particular brand(s) or model(s) of network equipment or premises deployed equipment. Until detailed Loop qualification information that meets MCIm's requirements is provided, Bell Atlantic shall provide but not charge for Loop qualification information.

4.2.6.4 Bell Atlantic shall provide advance notification to MCIm that identifies when DSL qualified Loops and/or electronic Loop qualification information access will be made available to its retail operations or to any Affiliate of Bell Atlantic. This advance notification interval must exceed the longest standard interval required to provide physical collocation space (both process the inquiry and subsequently provide physical collocation) in any of the Central Offices identified in the notification.

4.2.7 **Conditioning.** If MCIm determines that conditioning is required in order to make a Loop capable of providing advanced services, Bell Atlantic shall condition the Loop. Conditioning means the removal from the Loop of any devices that may diminish the capability of the Loop to deliver high-speed switched wireline telecommunications capability, including DSL service. Such devices include, but are not limited to, bridge taps, low pass filters, and range extenders.

4.2.8 **Access to NIDs.** Bell Atlantic shall permit MCIm to access the NID at the customer premises as required for the deployment of Advanced Services.

4.2.9 **Compliance with Industry Standards.** Bell Atlantic shall adopt and comply with all applicable national and international industry standards, including those adopted and amended from time to time by ANSI and ITU respectively, for the provision of advanced services.

4.2.10 **Spectral Compatibility.** Bell Atlantic shall not unilaterally determine which advanced services technologies MCIm may deploy, nor will Bell Atlantic have unfettered control over spectrum management standards and practices. The Parties shall employ a spectral compatibility process to minimize interference and

crosstalk, and to manage the deployment of advanced services in the network. This process must be employed in a competitively neutral manner between Bell Atlantic's retail service offering and MCI's or any third party's service offerings, to allow the widest possible deployment of DSL services and other advanced services.

4.2.10.1 Spectral Compatibility Standards. The Parties shall use spectral compatibility standards, as they become defined by industry standards bodies, such as the T1E1.4 working group of the ANSI, to minimize interference and crosstalk.

4.2.10.2 Advanced Services Acceptable for Deployment. Any DSL services and other advanced services technologies that comply with existing and future industry standards are presumed acceptable for deployment. Any DSL services and other advanced services technologies which have been or are successfully deployed by any carrier without significantly degrading the performance of other services, or have been approved by the FCC, or any state commission, or an industry standards body, are presumed acceptable for deployment.

4.2.11 Spectrum Management. The Parties shall use spectrum management to manage the deployment of DSL services and other advanced services in the network.

4.2.11.1 Spectrum Management Procedures. If Bell Atlantic has pre-existing spectrum management procedures, Bell Atlantic shall provide MCI a copy of these procedures no later than 10 days after the Effective Date. If Bell Atlantic has no pre-existing procedures then, no later than 30 days after MCI's written request, Bell Atlantic and MCI shall begin development of spectrum management procedures and policies. These spectrum management procedures should comply with national standards and Applicable Law. If the development of these procedures is not completed within six months after MCI's written request to develop these procedures, Bell Atlantic and MCI will jointly seek expedited resolution by the Commission of all remaining issues.

4.2.11.2 Binder Group Management. Assignment of DSL services and other advanced services shall be on a Non-Discriminatory basis within and among Binder Groups; provided that no assignment of DSL services and other advanced services requested by MCI will be made to a Binder Group containing AMI T1s without the prior written consent of MCI. Bell Atlantic shall discontinue the deployment of AMI T1s and replace them, at no additional cost to MCI, with non-interfering technologies. Bell Atlantic shall effectively manage AMI T1 systems to provide the maximum number of Binders Groups for DSL services and other

advanced services deployment while AMI T1 systems are migrated to non-interfering technologies. Bell Atlantic shall not assign AMI T1s to Binder Groups containing other non-interfering technologies. As newer copper technologies that cause less interference are developed, Bell Atlantic shall develop a plan to migrate to these newer technologies.

4.2.11.3 Elimination of Interfering Technologies. Bell Atlantic: (i) may not add or deploy new AMI T1s (or their equivalent); (ii) must begin to remove and phase out the use of existing Disturbers; and (iii) must remove existing AMI T1s when they are in conflict with the deployment of DSL services and other advanced services by MCIm. Assignments or rearrangements to designated Binder Groups will be made so that the fill rate of the Binder Groups reflects the industry standards for such services. Bell Atlantic shall not deny any request for DSL services and other advanced services due to spectral interference unless all AMI T1s have been assigned or rearranged to designated Binder Groups and the Binder Groups reflect efficient fill rates.

4.2.12 Denial of DSL Services and Other Advanced Services

4.2.12.1 Bell Atlantic shall not deny MCIm's request to deploy DSL services and other advanced services unless it demonstrates to the Commission that deployment of the particular technology will significantly degrade the performance of other DSL services and other advanced services or traditional voice band services. Bell Atlantic must make this demonstration using quantifiable data and information.

4.2.12.2 If Bell Atlantic rejects an MCIm request for the provision of DSL services and other advanced services, Bell Atlantic shall (i) disclose all information related to the rejection; (ii) provide MCIm in writing with the specific reason for the rejection; and (iii) disclose the number of Loops using DSL services and other advanced services technology within a Binder Group and the type of technology deployed on those Loops, and (iv) provide information on the entire cable assignment.

4.2.12.3 If Bell Atlantic claims a service is significantly degrading the performance of other DSL services or other advanced services or traditional voice band services, Bell Atlantic shall notify MCIm and allow MCIm a reasonable opportunity to correct the problem. Any claims by Bell Atlantic of network harm must be supported with specific and verifiable supporting information.

4.2.13 Testing. Bell Atlantic shall test each DSL Loop using the same tests that Bell Atlantic uses to test Loops for itself, its customers, subsidiaries, or Affiliates, or any third party. At a minimum, in so far as it is technically feasible, Bell

Atlantic shall test and report trouble for all the features, functions, and capabilities of conditioned lines, and may not restrict testing to voice-transmission only.

4.2.14 Central Office IDLC for Access to Loops. Bell Atlantic shall provide, at MCI's request, shared GR303-equipped IDLC equipment in Bell Atlantic's Central Offices for purposes of MCI's access to unbundled Loops. The GR303-equipped IDLC equipment will be capable of:

4.2.14.1 Performing electronic cross connection of the Loop to interoffice Transport (Dedicated or Shared) provided by either Bell Atlantic, MCI, or another carrier;

4.2.14.2 Concentrating Loops onto transport at concentration ratios specified by MCI; and

4.2.14.3 Multi-hosting among MCI and other carriers or Bell Atlantic.

4.3 Subloop.

4.3.1 Definition. The Subloop is any portion of the Loop that is technically feasible to access at terminals in Bell Atlantic's outside plant, including inside wire. An accessible terminal is any point on the Loop where technicians can access the wire or fiber within the cable without removing a splice case to reach the wire or fiber within, including, but not limited to, the pole or pedestal, the NID, the minimum point of entry, the single point of interconnection, the main distribution frame, the remote terminal, and the Loop Feeder/Distribution interface.

4.3.2 At MCI's request, Bell Atlantic shall provide MCI, on an unbundled basis: (a) the Loop with all of its Subloop components, or (b) at MCI's designation, any one or more of the Subloop components, including, but not limited to, Loop Feeder, Loop Concentrator/Multiplexer, NID, and Loop Distribution.

4.3.3 MCI may obtain, and Bell Atlantic shall provide, access to Bell Atlantic's inside wire at any technically feasible point including, but not limited to, the NID, the minimum point of entry, the single point of interconnection, the pedestal, or the pole. "Inside wire" is all Loop plant owned by Bell Atlantic or one of its Affiliates on end-user customer premises as far as the point of demarcation defined in Section 68.3 of the FCC's rules, including the Loop plant near the end-user customer premises.

4.3.4 If the Parties are unable to agree as to whether it is technically feasible, or whether sufficient space is available, to unbundle the Subloop at the point where MCI designates, Bell Atlantic shall have the burden of demonstrating to the

Commission that there is not sufficient space available, or that it is not technically feasible, to unbundle the Subloop at the point requested by MCIm. Further, if a state commission has determined that it is technically feasible to unbundle Subloops at a designated point, Bell Atlantic shall have the burden of demonstrating that it is not technically feasible, or that sufficient space is not available, to unbundle its own Loops at such a point.

4.3.5 In addition to its obligation to provide Non-Discriminatory access to its Subloops under Section 4.3.2, Bell Atlantic shall provide MCIm a single point of interconnection at multi-unit premises that is suitable for use by multiple carriers. The Parties shall in good faith negotiate reasonable terms and conditions regarding a single point of interconnection, including, but not limited to, compensation to Bell Atlantic under forward-looking pricing principles. If such negotiations fail to produce a mutually agreeable solution within sixty (60) days after one Party's request to initiate such negotiations, either Party may seek resolution under the Dispute Resolution provision of Part A of this Agreement.

4.2.2 Loop Distribution

4.4 Loop Feeder

4.4.1 Definition: "Loop Feeder" is the Network Element that provides connectivity between (i) a Feeder Distribution Interface (FDI) associated with Loop Distribution and a termination point appropriate for the media in a Central Office, or (ii) a Loop Concentrator Multiplexer in a remote terminal and a termination point appropriate for the media in a Central Office.

4.4.2 Requirements - Loop Feeder

4.4.2.1 Bell Atlantic shall provide MCIm physical access to the FDI and the right to connect MCIm-provided Loop Feeder to the FDI.

4.4.2.2 The physical medium of the Loop Feeder may be copper twisted pair, or single or multi-mode fiber or other technologies as designated by MCIm. Upon MCIm's request, Bell Atlantic shall provide MCIm a copper twisted pair Loop even in instances where the medium of the Loop Feeder for services that Bell Atlantic offers is other than a copper facility.

4.4.2.3 The Loop Feeder provided by Bell Atlantic must be capable of transmitting analog voice frequency, basic rate ISDN, digital data, optical signals, or analog radio frequency signals as appropriate.

4.4.2.4 Bell Atlantic shall provide appropriate power for all active elements in the Loop Feeder. Bell Atlantic shall provide appropriate power from a Central Office source, or from a commercial AC source with

rectifiers for AC to DC conversion, and 8-hour battery back-up when the equipment is located in an outside plant Remote Terminal.

4.4.3 Additional Technical Requirements - Special Copper Loop Feeder

Medium. In addition to requirements set forth in Section 4.4.2 above, MCIIm may require Bell Atlantic to provide copper twisted pair Loop Feeder which is unfettered by any intervening equipment (e.g., filters, loading coils, and range extenders), so that MCIIm can use these Loop Feeders for a variety of services by attaching appropriate terminal equipment.

4.4.4 Additional Technical Requirements - DS1 Conditioned Loop Feeder.

In addition to the requirements set forth in Section 4.4. above, MCIIm may designate that the Loop Feeder be conditioned to transport a DS1 signal.

4.4.5 Additional Technical Requirements - Optical Loop Feeder. In addition to the requirements set forth in Section 4.4.2 above, MCIIm may designate that the Loop Feeder will transport DS3 and OCN (where n is defined pursuant to the applicable technical reference in Appendix I.)

4.4.6 Interface Requirements - Loop Feeder

4.4.6.1 The Loop Feeder point of termination (POT) within a Bell Atlantic Central Office will be as follows:

4.4.6.1.1 Copper twisted pairs must terminate on the MDF:

4.4.6.1.2 DS1 Loop Feeder must terminate on a DSX1, DCS1/0 or DCS3/1; and

4.4.6.1.3 Fiber Optic cable must terminate on a LGX.

4.5 Distribution

4.5.1 Definition: "Distribution" provides connectivity between the NID component of Loop Distribution and the terminal block on the End User-side of a Feeder Distribution Interface (FDI). The FDI is a device that terminates the Distribution and the Loop Feeder, and cross-connects them in order to provide a continuous transmission path between the NID and an ILEC Central Office. There are three basic types of feeder-distribution connection: (i) multiple (splicing of multiple distribution pairs onto one feeder pair); (ii) dedicated ("home run"); and (iii) interfaced ("cross-connected"). While older plant uses multiple and dedicated approaches, newer plant and all plant that uses IDLC or other pair-gain technology necessarily uses the interfaced approach. The feeder-distribution interface (FDI) in the interfaced design makes use of a manual cross-connection.

typically housed inside an outside plant device ("green box") or in a vault or manhole.

The Distribution may be one or a combination of: copper twisted pair, coax cable, single or multi-mode fiber optic cable or other technologies. Upon MCI's request, Bell Atlantic shall provide MCI a copper twisted pair Distribution even in instances where the Distribution for services that Bell Atlantic offers is other than a copper facility.

4.5.2 Requirements - Distribution Bell Atlantic shall provide MCI with Distribution that satisfies the following requirements:

4.5.2.1 Distribution must be capable of transmitting signals for the following services (as requested by MCI):

4.5.2.1.1 Two-wire & four-wire analog voice grade Loops:

4.5.2.1.2 Two-wire & four-wire facilities that are capable of transmitting the digital signals needed to provide services such as ISDN, DSL, and DS1-level signals.

4.5.2.2 Distribution must transmit all signaling messages or tones. Where the Distribution includes any active elements that terminate any of the signaling messages or tones, these messages or tones must be reproduced by the Distribution at the interfaces to an adjacent Network Element in a format that maintains the integrity of the signaling messages or tones.

4.5.2.3 Distribution must support functions associated with provisioning, maintenance and testing of the Distribution itself, as well as provide necessary access to provisioning, maintenance and testing functions for Network Elements with which it is associated.

4.5.2.4 Where technically feasible, Distribution must provide performance monitoring of the Distribution itself, as well as provide necessary access for performance monitoring for Network Elements with which it is associated.

4.5.2.5 Bell Atlantic shall provide MCI with physical access to, and the right to connect to, the FDI.

4.5.2.6 Bell Atlantic shall offer, at MCI's sole discretion, Distribution together with, and separately from, the NID component of Distribution.

4.5.3 Additional Requirements - Special Copper Distribution

In addition to Distribution that supports the requirements in Section 4.5.2 above, MCIIm may designate Distribution to be copper twisted pair unfettered by any intervening equipment (e.g., filters, loading coils, range extenders) so that MCIIm can use these facilities for a variety of services by attaching appropriate terminal equipment.

4.5.4 Additional Requirements - Fiber Distribution. In addition to the requirements set forth in Section 4.5.2, MCIIm may designate fiber optic cable Distribution that is capable of transmitting signals for the following services:

4.5.4.1 DS3 rate service;

4.5.4.2 Optical SONET OCN rate (where n is defined pursuant to the applicable technical reference in Appendix 1); and

4.5.4.3 Analog Radio Frequency based services.

4.5.5 Additional Requirements - Coaxial Cable Distribution. In addition to the requirements set forth in Section 4.5.2, MCIIm may designate coaxial cable (coax) Distribution that is capable of transmitting signals for the following services:

4.5.5.1 Broadband data, either one way or bi-directional, symmetric or asymmetric, at rates between 1.5 Mbps and 45 Mbps and

4.5.5.2 Analog Radio Frequency based services.

4.6 Loop Concentrator/Multiplexer

4.6.1 Definition. The Loop Concentrator/Multiplexer is the Network Element that does one or more of the following:

- (a) aggregates lower bit rate or bandwidth signals to higher bit rate or bandwidth signals (multiplexing);
- (b) disaggregates higher bit rate or bandwidth signals to lower bit rate or bandwidth signals (demultiplexing);
- (c) aggregates a specified number of signals or channels to fewer channels (concentrating);
- (d) performs signal conversion, including encoding of signals (e.g., analog to digital and digital to analog signal conversion); or
- (e) in some instances performs electrical to optical (E/O) conversion.

4.6.2 The Loop Concentrator/Multiplexer function may be provided through an Integrated Digital Loop Carrier (IDLC) system, channel bank, multiplexer or other equipment at which traffic is encoded and decoded, multiplexed and demultiplexed, or concentrated.

4.6.3 Technical Requirements - Loop Concentrator/Multiplexer. Bell Atlantic shall provide MCIm with Loop Concentrator Multiplexers that satisfy the following requirements:

4.6.3.1 The Loop Concentrator Multiplexer must be capable of performing its functions on the signals for the following services, including, but not limited to, (as needed by MCIm to provide end-to-end service capability):

4.6.3.1.1 two-wire & four-wire analog voice grade Loops;

4.6.3.1.2 two-wire & four-wire Loops that are capable of transmitting the digital signals needed to provide services such as ISDN, DSL, and DS1 & DS3-level signals;

4.6.3.1.3 four-wire digital data (2.4Kbps through 64Kbps and n times 64Kbps (where $n < 24$);

4.6.3.2 The Loop Concentrator/Multiplexer must perform the following functions as appropriate:

4.6.3.2.1 Analog to digital signal conversion of both incoming and outgoing (upstream and downstream) analog signals;

4.6.3.2.2 Multiplexing of the individual digital signals up to higher transmission bit rate signals (e.g., DS0, DS1, DS3, or optical SONET rates) for transport through the Loop Feeder facilities; and

4.6.3.2.3 Concentration of end-user signals onto fewer channels of a Loop Feeder. (The concentration ratio to be specified by MCIm).

4.6.3.3 Bell Atlantic shall provide power for the Loop Concentrator/Multiplexer, through a non-interruptible source if the function is performed in a Central Office, or from a commercial AC power source with battery backup if the equipment is located outside a Central Office.

4.6.4 Requirements - Intelligent Loop Concentrator/ Multiplexer. Bell Atlantic shall provide MCIm with Intelligent Loop Concentrator/Multiplexers that satisfy the following requirements:

4.6.4.1 The Intelligent Loop Concentrator/Multiplexer (IC/M) must provide facility grooming, facility test functions, format conversion and signaling conversion as appropriate.

4.6.4.2 The underlying equipment that provides such IC/M function must continuously monitor protected circuit packs and redundant common equipment.

4.6.4.3 The underlying equipment that provides such IC/M function must automatically switch to a protection circuit pack on detection of a failure or degradation of normal operation.

4.6.4.4 The underlying equipment that provides such IC/M function must be equipped with a redundant power supply or a battery back-up.

4.6.4.5 At MCIm's option, Bell Atlantic shall provide MCIm with Real Time performance monitoring and alarm data on IC/M elements that may affect MCIm's traffic. This includes, but is not limited to, IC/M hardware alarm data and facility alarm data on the underlying device that provides such IC/M function.

4.6.4.6 At MCIm's option, Bell Atlantic shall provide MCIm with Real Time ability to initiate tests on the underlying device that provides such IC/M function integrated test equipment as well as other integrated functionality for routine testing and fault isolation.

4.6.5 Interface Requirements - Loop Concentrator / Multiplexer. As appropriate for the configuration that MCIm designates, any Loop Concentrator/Multiplexer provided by Bell Atlantic (including Intelligent Loop Concentrator/Multiplexers) must meet the following interface requirements:

4.6.5.1 The Loop Concentrator/Multiplexer must provide an analog voice frequency copper twisted pair interface at the serving Wire Center.

4.6.5.2 The Loop Concentrator/Multiplexer must provide digital four-wire electrical interfaces at the serving Wire Center.

4.6.5.3 The Loop Concentrator/Multiplexer must provide optical SONET interfaces at rates of OC-3, OC-12, OC-48, and OCN, (where n is defined pursuant to the applicable technical reference).

4.6.5.4 The Loop Concentrator/Multiplexer must provide the Bellcore TR-303 DS1 level interface at the serving Wire Center.

4.6.5.5 The Loop Concentrator Multiplexer must provide Bellecore 1R-08 modes 1&2 DSL interfaces when designated by MCIm.

4.7 Network Interface Device

4.7.1 Definition. "Network Interface Device" or "NID" includes any means of interconnection of customer premises wiring to Bell Atlantic's Distribution plant, such as a cross connect device used for that purpose.

4.7.2 Bell Atlantic shall permit MCIm to connect MCIm's loop facilities to the on-premises wiring of a customer through Bell Atlantic's NID in the manner set forth in Section 4.7.3 or in any other technically feasible manner.

4.7.3 Access to Network Interface Device

4.7.3.1 Due to the wide variety of NIDs utilized by Bell Atlantic (based on customer size and environmental considerations), MCIm may access the customer's inside wire by any of the following means:

4.7.3.1.1 Bell Atlantic shall allow MCIm to connect its loops directly to Bell Atlantic's multi-line residential NID enclosures that have additional space and are not used by Bell Atlantic or any other Telecommunications Carrier to provide service to the premise. MCIm agrees to install compatible protectors and test jacks, to maintain the protection system and equipment and to indemnify Bell Atlantic pursuant to Part A of this Agreement.

4.7.3.1.2 Where an adequate length of inside wire is present and environmental conditions permit, and with the subscriber authorization required by this Agreement and Applicable Law, either Party may remove the inside wire from the other Party's NID and connect that wire to that Party's own NID; or

4.7.3.1.3 Enter the subscriber access chamber or "side" of "dual chamber" NID enclosures for the purpose of extending a connectorized or spliced jumper wire from the inside wire through a suitable "punch-out" hole of such NID enclosures; or

4.7.3.1.4 Request Bell Atlantic to make other rearrangements to the inside wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (i.e., MCIm, its agent, the building owner or the subscriber). Such charges will be billed to the requesting Party.

4.7.3.2 In no case shall MCIm remove or disconnect ground wires from Bell Atlantic's NIDs, enclosures, or protectors.

4.7.3.3 Due to the wide variety of NID enclosures and outside plant environments, Bell Atlantic will work with MCIm to develop specific procedures to establish the most effective means of implementing this Section 4.7.3.

4.7.4 Technical Requirements

4.7.4.1 The NID shall provide an accessible point of connection for the subscriber-owned inside wiring, for Bell Atlantic's facilities, for the distribution media and/or cross connect to MCIm's NID, and shall maintain a connection to ground.

4.7.4.2 The NID shall be capable of transferring electrical analog or digital signals between the subscriber's inside wiring and the distribution media and/or cross connect to MCIm's NID, consistent with the NID's function at the Effective Date of this Agreement.

4.7.4.3 Where a Bell Atlantic NID exists, it is provided in its "as is" condition. MCIm may request Bell Atlantic do additional work to the NID in accordance with Section 4.7.3.1.4.

4.8 Central Office Connections. As specified by MCIm, Bell Atlantic shall provide all necessary or appropriate connections within its Central Offices or Wire Centers, including, but not limited to:

4.8.1 between the access point for a Loop, as specified by MCIm, and:

4.8.1.1 MCIm's equipment within the central office or wire center;

4.8.1.2 MCIm's collocation space;

4.8.1.3 Other Bell Atlantic equipment or other Network Elements;

4.8.1.4 Third party equipment; or

4.8.1.5 Third party collocation space; and

4.8.2 between other Bell Atlantic -provided equipment or other Network Elements and:

4.8.2.1 MCIm's equipment with the central office or wire center;

4.8.2.2 MCIm's physical collocation space;

4.5.2.3 Other Bell Atlantic equipment or other Network Elements;

4.5.2.4 Third party equipment; or

4.8.2.5 Third party collocation space.

4.9 Line Sharing

4.9.1 Introduction. Bell Atlantic shall support MCIm's ability to provide combinations of voice services, data services, or voice and data services. The Parties acknowledge that unbundling the high frequency portion of a loop is a new area of operations. Consequently, either Party may request that any term or provision in this Section 4.9 be amended, modified or deleted upon 45 days written notice. The Parties agree to negotiate such requested changes in good faith. If the Parties cannot mutually agree to any requested change to this Section 4.9 within 45 days after written notice is provided, either Party may invoke the Dispute Resolution Procedures set forth in Section 24 of Part A.

4.9.2 Definitions

4.9.2.1 Bell Atlantic Line Sharing means use of the High Frequency Spectrum ("HFS") portion of the Loop by MCIm or a third party carrier (also referred to herein as an authorized Advanced Service supplier, as described in Section 4.9.5.1 below) to provide Advanced Services to customers that obtain retail local voice service from Bell Atlantic on the same Loop, as addressed in the FCC's Third Report and Order in Docket 98-147 ("Advanced Services Order") (released Dec. 9, 1999) and other Applicable Law.

4.9.2.2 High Frequency Spectrum ("HFS") Loop access means use of the HFS portion of the Loop by MCIm or a third party carrier authorized by MCIm to provide Advanced Services, on Loops employed by MCIm in a UNE-P configuration (a Combination of all Network Elements), or a Loop/Transport Combination, or Loop alone, to provide customers Telecommunications Services. In this configuration, Bell Atlantic performs operational activities necessary to facilitate extracting the HFS so that MCIm (or its authorized Advanced Service supplier) can utilize the HFS portion of the Loop.

4.9.2.3 References to Loop in this Section 4.9 include MCIm's use of the Loop in Combination with other Network Elements.

4.9.3 General Requirements

4.9.3.1 Bell Atlantic shall provide MCI's Non-Discriminatory access to Bell Atlantic Line Sharing and HFS Loop Access for provision of telecommunications services.

4.9.3.2 MCI may provide voice service or other Telecommunications Services over the same Loop that Bell Atlantic, or any data affiliate of Bell Atlantic, or any data CLC uses to provide data services to that customer, and Bell Atlantic shall not interrupt or terminate services provided in the HFS. Bell Atlantic agrees to continue to provide all existing data services in the HFS, to any customer that chooses MCI as its carrier for voice service or other Telecommunications Services where the customer desires continuation of MCI's service.

4.9.3.3 Whenever MCI provides service utilizing a Loop, either as part of UNE-P or otherwise, MCI may, at its option, control the entire Loop spectrum in order to provide both voice and HFS services, whether by itself or sharing with an authorized Advanced Service supplier.

4.9.3.4 Bell Atlantic, in cooperation with MCI, shall develop and implement procedures to allow MCI or an authorized Advanced Service supplier to order HFS data capabilities on the MCI Loop.

4.9.3.5 Bell Atlantic shall bill the authorized Advanced Service supplier at MCI's direction.

4.9.3.6 Bell Atlantic and MCI shall jointly develop and engage in operational readiness testing and subsequently deploy mutually agreeable operational capabilities at Parity with comparable Bell Atlantic and Bell Atlantic Affiliate data service.

4.9.4. Procedural Requirements

4.9.4.1 Operational procedures must address, without limitation, pre-ordering, ordering, provisioning, maintenance and billing for line sharing and HFS Loop access arrangements. Unless otherwise specified, support requirements will be equally applicable to both line sharing and HFS Loop access. Bell Atlantic agrees to immediately engage in a collaborative process to resolve the operational issues related to pre-ordering, ordering, provisioning and billing as specifically related to line sharing and HFS access, regardless of form. If the collaborative process does not result in mutually agreeable operational procedures, the parties may resolve remaining disputes in accordance with Section 24 of Part A.

4.9.5. Authorized Advanced Services Cooperative Arrangements

4.9.5.1 MCIIm may identify one or more CLECs as an authorized Advanced Service supplier, on a Central Office by Central Office basis, authorized by MCIIm to add, change or delete Advanced Services capabilities within the HFS of a Loop employed or ordered by MCIIm. In such instances, MCIIm will provide Bell Atlantic with written authorization that identifies the Central Offices in which MCIIm will engage Advanced Service suppliers and, for each of the Central Offices, MCIIm will further identify the specific providers that are authorized to access the HFS portion of an MCIIm Loop. MCIIm may modify this authorization and such changes will become effective upon 30 days notice by MCIIm, unless a different time period is otherwise mutually agreed upon. Unless MCIIm provides written authorization as required in this Section 4.9, Bell Atlantic shall reject orders from any party other than MCIIm that seeks to utilize, modify or in any manner affect the operation of the Loop employed or ordered by MCIIm. MCIIm may identify one or more authorized Advanced Service suppliers by including on the order form an identification code for each Advanced Service supplier. Where MCIIm does this, Bell Atlantic shall assume that an arrangement is in place between MCIIm and the Advanced Service supplier and process MCIIm's or its supplier's order accordingly.

4.9.6. Advanced Services Equipment Deployment

4.9.6.1 MCIIm may directly deploy, or deploy through a third party, any Advanced Services equipment that operates within the PSD mask parameters set forth in T1.413 or conforms to other generally recognized and applicable industry standards.

4.9.6.1.1 The PSD mask, not the DSI, technology vendor, will determine the number of disturbers present within a binder group.

4.9.6.2 Bell Atlantic shall not withhold any operational support so as to limit MCIIm's ability to connect MCIIm's Advanced Services equipment to a Loop. Bell Atlantic may deny support only after Bell Atlantic has made a showing to, and obtained a finding by, the Commission that the deployment of Advanced Services equipment that MCIIm seeks will significantly degrade the performance of another Advanced Service or other voice-based services. To the extent an authorized Advanced Service supplier seeks to deploy Advanced Services equipment on a Loop used or ordered by MCIIm, Bell Atlantic may refuse to provide support only to the extent Bell Atlantic is permitted under the least restrictive of MCIIm's or the authorized Advanced Service supplier's interconnection agreement.

4.9.6.3 MCIIm, at its option, may utilize a splitter provided by Bell

Atlantic or deploy its own splitter either directly or by utilizing an MCIm authorized Advanced Service supplier. Any splitter, regardless of the means of deployment, must comply with all industry standards, including, but not limited to, ANSI T1.413-1998 Annex E and NEBS safety standards.

4.9.6.4 Bell Atlantic splitters must be available to MCIm, or its authorized Advanced Service supplier, on a line-by-line basis. While Bell Atlantic may make splitters available to MCIm on a shelf-by-shelf basis, this option will not preclude MCIm from obtaining splitters on a line-by-line basis. MCIm, or an MCIm-designated Advanced Service supplier, will furnish the Connecting Facility Assignment (CFA) to Bell Atlantic so that Bell Atlantic may connect the HFS portion of the Loop to the designated point of interconnection.

4.9.7 Additional Ordering Requirements

4.9.7.1 Bell Atlantic shall implement ordering procedures that support MCIm line sharing and access to the HFS of the Loop. MCIm, at its option, may also authorize Bell Atlantic to process orders issued by one or more authorized Advanced Service suppliers, for the purpose of adding, changing or removing capabilities to deliver service in the HFS in coordination with MCIm. Bell Atlantic shall provide complete documentation and technical assistance necessary for MCIm to understand order format, information content, business rules and all system/network interface requirements necessary to accomplish each of the following tasks:

- Where Bell Atlantic is line sharing, convert the local voice portion of the Loop to MCIm UNE-P while leaving the service in the HFS of the Loop intact. As part of the conversion order, billing of the HFS portion of the Loop to the Advanced Service supplier must be terminated if MCIm so requests.
- Where Bell Atlantic is line sharing, convert the local voice portion of the Loop to MCIm UNE-P and, as part of the same transaction, connect the HFS portion of the Loop to the MCIm-designated point of interconnection. MCIm, at its option, may issue the necessary order(s) to provide the Advanced Services capability itself or MCIm may provide the Advanced Services capability through an MCIm-authorized Advanced Service supplier.
- Where MCIm seeks to add Advanced Service capability to a Loop, whether on a stand alone basis or as part of UNE-P, install a line splitter to deliver the HFS portion of the Loop to the MCIm designated point of interconnection, perform any necessary conditioning, and

perform any operational support as directed by MCIIm. MCIIm, at its option, may issue the order(s) to provide the Advanced Services capability or MCIIm may issue the orders through an authorized Advanced Service supplier.

- To change the MCIIm-designated point of interconnection for the Advanced Service capability, MCIIm, at its option, may issue the necessary order(s) to change the HFS point of interconnection location, or MCIIm may provide the Advanced Service capability through an authorized Advanced Service supplier.
- Add voice capability, where none currently exists, to a Loop where only the HFS is used for service delivery. Bell Atlantic shall provide the capability to utilize the telephone number of any voice line currently provided by Bell Atlantic to the customer at that same location, provided the customer disconnects the associated Bell Atlantic line with that telephone number, and MCIIm provides service, via UNE-P from the same Central Office. As part of the conversion order, MCIIm shall have the ability to redirect billing of the Loop from the Advanced Service supplier to MCIIm.

4.9.7.2 Bell Atlantic shall provide MCIIm with the opportunity, in advance, to test all newly instituted or revised ordering capabilities in conjunction with MCIIm's own internal systems through a separate testing environment that fully reflects the functionality that will be deployed in commercial market operations.

4.9.7.3 To the extent necessary, MCIIm and Bell Atlantic will develop a mutually agreeable methodology for conveying Connecting Facility Assignments (CFAs) for the Advanced Services equipment deployed in collocation space for those instances where MCIIm, rather than an authorized Advanced Service supplier, is providing the Advanced Services capability.

4.9.8 Additional Provisioning Requirements

4.9.8.1 Bell Atlantic provisioning activities associated with UNE-P HFS service must not introduce a greater degree of service interruption or service degradation than that experienced when Bell Atlantic engages in line sharing required in the FCC's Third Report and Order in Docket 98-147 ("Advanced Services Order") (released Dec. 9, 1999).

4.9.8.2 Bell Atlantic shall implement mutually agreeable provisioning procedures for each ordering case identified above. These procedures must be fully deployed and demonstrated to meet minimum performance

criteria as defined in Attachment X by the earlier of 30 days after the Effective Date this Agreement or when Bell Atlantic deploys procedures to support its own line sharing with a CLC or an Bell Atlantic Affiliate.

4.9.8.3 For any ordering case affecting a Loop where an Advanced Service is operable, existing wiring must not be disturbed nor may service in the IFS be interrupted or otherwise degraded.

4.9.9 Additional Maintenance Requirements

4.9.9.1 Bell Atlantic will provide MCI and any authorized Advanced Service supplier with timely and efficient test access and operational support necessary to isolate troubles on equipment and facilities used to provide Advanced Services from those for voice services and from those used in common for voice and Advanced Services. When MCI provides the Advanced Service capability, Bell Atlantic must either provide physical test access at the point where splitting of IFS and voice service occurs or provide a mutually agreeable alternative that permits the same degree of trouble isolation by MCI. Regardless of the party providing the Advanced Services capability, Bell Atlantic is responsible for maintenance and repair of any equipment or facilities that it deploys including, but not limited to, the Loop facility on the customer side of the splitter, any splitter that Bell Atlantic has deployed, and all in-office wiring that Bell Atlantic performs. Bell Atlantic shall cooperate with MCI and any authorized Advanced Service supplier(s) for the purposes of sectionalizing, diagnosing and otherwise resolving trouble reported or detected on these facilities.

4.9.9.2 Maintenance metrics must be reported separately for Loops without any Advanced Services operating, Loops which utilize the IFS for data service, and Loops supporting only Advanced Services.

Section 5. ~~Network Interface Device~~ Dark Fiber

5.1 Definition:

5.1.1 "Network Interface Device" or "NID" means the Bell Atlantic provided interface terminating Bell Atlantic's Telecommunications network on the property where the subscriber's service is delivered at a point determined by Bell Atlantic. The NID contains a FCC Part 68 registered jack from which inside wire may be connected to Bell Atlantic's network.

5.1.2 Bell Atlantic shall permit MCI to connect MCI's loop to the inside wiring of a subscriber's premises through Bell Atlantic's NID in the manner set forth in Section 5.2 herein.

~~5.2 Access to Network Interface Device~~

~~5.2.1 Due to the wide variety of NIDs utilized by Bell Atlantic (based on subscriber size and environmental considerations), MCIIm may access the subscriber's inside wire by any of the following means:~~

~~5.2.1.1 Bell Atlantic shall allow MCIIm to connect its loops directly to Bell Atlantic's multi-line residential NID enclosures that have additional space and are not used by Bell Atlantic or any other Telecommunications Carrier to provide service to the premise. MCIIm agrees to install compatible protectors and test jacks, to maintain the protection system and equipment and to indemnify Bell Atlantic pursuant to Part A of this Agreement.~~

~~5.2.1.2 In all other cases, MCIIm must establish the connection to Bell Atlantic's NID through an adjoining NID deployed by MCIIm.~~

~~5.2.1.2.1 Where an adequate length of inside wire is present and environmental conditions permit, and with the subscriber authorization required by this Agreement and Applicable Law, either Party may remove the inside wire from the other Party's NID and connect that wire to that Party's own NID; or~~

~~5.2.1.2.2 Enter the subscriber access chamber or "side" of "dual chamber" NID enclosures for the purpose of extending a connectorized or spliced jumper wire from the inside wire through a suitable "punch out" hole of such NID enclosure; or~~

~~5.2.1.2.3 Request Bell Atlantic to make other rearrangements to the inside wire terminations or terminal enclosure on a time and materials cost basis to be charged to the requesting Party (i.e., MCIIm, its agent, the building owner or the subscriber). Such charges will be billed to the requesting Party.~~

~~5.2.1.3 In no case shall MCIIm remove or disconnect Bell Atlantic's loop facilities from Bell Atlantic's NIDs, enclosures, or protectors.~~

~~5.2.1.4 In no case shall MCIIm remove or disconnect ground wires from Bell Atlantic's NIDs, enclosures, or protectors.~~

~~5.2.1.5 In no case shall MCIIm remove or disconnect NID modules, protectors, or terminals from Bell Atlantic's NID enclosures.~~

~~5.2.1.6 Maintenance and control of premises wiring (inside wire) is the responsibility of the subscriber. Any conflict between service providers for access to the subscriber inside wire must be resolved by the subscriber.~~

~~5.2.1.7 Due to the wide variety of NID enclosures and outside plant environments, Bell Atlantic will work with MCI to develop specific procedures to establish the most effective means of implementing this Section 5.2.~~

~~5.3 Technical Requirements~~

~~5.3.1 The NID shall provide an accessible point of connection for the subscriber owned inside wiring, for Bell Atlantic's facilities, for the distribution media and/or cross connect to MCI's NID, and shall maintain a connection to ground.~~

~~5.3.2 The NID shall be capable of transferring electrical analog or digital signals between the subscriber's inside wiring and the distribution media and/or cross connect to MCI's NID, consistent with the NID's function at the Effective Date of this Agreement.~~

~~5.3.3 Where a Bell Atlantic NID exists, it is provided in its "as is" condition. MCI may request Bell Atlantic do additional work to the NID in accordance with Section 5.2.1.2.3.~~

~~5.4 Interface Requirements~~

~~5.4.1 Where an existing Bell Atlantic NID is installed, the NID shall be the interface to subscribers' premises wiring for the existing loop technology at that premises.~~

5.1 Definition. "Dark Fiber" is unused strands of optical fiber. Dark Fiber also includes strands of optical fiber which may or may not have lightwave repeater (regenerator or optical amplifier) equipment interspliced, but which have no line terminating facilities terminated to these strands. Typical single wavelength transmission involves propagation of optical signals at single wavelengths (1.3 or 1.55 micron wavelengths). Dark Fiber may be located within an exchange between Customers, or between a Customer or a remote terminal and a Central Office, or between Central Offices. MCI may connect to Dark Fiber at any mutually convenient point including at a Customer premises, Remote Terminal, Central Office, or in any intermediate manhole, vault, or cabinet. Dark Fiber must meet the following requirements: single mode, with maximum loss of 0.40 dB/km at 1310nm and 0.25 dB/km at 1550nm.

5.2 Requirements for Dark Fiber Loop and Transport

5.2.1 Bell Atlantic shall make available Dark Fiber to MCIm under an indefeasible right of use or license agreement on terms at least equal to those which it affords itself, its Customers, subsidiaries or Affiliates, or any third party.

5.2.2 Bell Atlantic shall provide a single point of contact (SPOC) for negotiating all Dark Fiber lease agreements.

5.2.3 MCIm may test the quality of the Dark Fiber to confirm its usability and performance specifications.

5.2.4 Bell Atlantic shall provide to MCIm information regarding the location, availability, and performance of Dark Fiber within five business days for a records-based answer and ten business days for a field-based answer, after receiving a request from MCIm ("Request"). Within such time period, Bell Atlantic shall send written confirmation of availability of the Dark Fiber ("Confirmation"). From the time of the Request to 90 days after Confirmation, Bell Atlantic shall reserve such requested Dark Fiber for MCIm's use and may not allow any other party to use this Dark Fiber, including Bell Atlantic.

5.2.5 Bell Atlantic shall make Dark Fiber available for MCIm's use within 20 business days after it receives written acceptance from MCIm that the Dark Fiber previously reserved by Bell Atlantic is wanted for use by MCIm. This includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX) or splice points) to enable MCIm to connect or splice MCIm-provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.

5.2.6 Bell Atlantic will expand or overbuild its network and capacity to accommodate requests under this Attachment III.

5.2.7 MCIm may splice and test Dark Fiber leased from Bell Atlantic using MCIm-designated personnel. Bell Atlantic shall provide appropriate interfaces to allow splicing and testing of Dark Fiber. Bell Atlantic shall provide an excess cable length of 25 feet minimum (for fiber in underground conduit) to allow the uncoiled fiber to reach from the manhole to a splicing van.

5.2.8 For WDM applications, Bell Atlantic shall provide to MCIm an interface to an existing WDM device or allow MCIm to install its own WDM device (where sufficient system loss margins exist or where MCIm provides the necessary loss compensation) to multiplex the traffic at different wavelengths. This applies to both the transmit and receive ends of the Dark Fiber.

Section 6. Packet Switching/DSLAMs-Distribution

MCIm may, at its option, raise the issue of distribution unbundling through the BFR procedure set forth in Section 25 of Part A of this Agreement.

6.1 "Packet Switching" means the basic packet switching function of routing or forwarding packets, frames, cells or other data units based on address or other routing information contained in the packets, frames, cells or other data units, and the functions that are performed by Digital Subscriber Line Access Multiplexers (DSLAMs), including but not limited to:

6.1.1 The ability to terminate copper customer loops (which includes both a low band voice channel and a high-band data channel, or solely a data channel);

6.1.2 The ability to forward the voice channels, if present, to a circuit switch or multiple circuit switches;

6.1.3 The ability to extract data units from the data channels on the loops; and

6.1.4 The ability to combine data units from multiple loops onto one or more trunks connecting to a packet switch or packet switches.

6.2 Bell Atlantic shall provide Non-Discriminatory access to Packet Switching where each of the following conditions is satisfied:

6.2.1 Bell Atlantic has deployed digital loop carrier systems, including but not limited to, integrated digital loop carrier (IDLC) or universal digital loop carrier systems; or has deployed any other system in which fiber optic facilities replace copper facilities in the distribution section (e.g., end office to remote terminal, pedestal or environmentally controlled vault);

6.2.2 There are no spare copper loops capable of supporting the DSL services MCIIm seeks to offer;

6.2.3 Bell Atlantic has not permitted MCIIm to deploy a DSLAM at the remote terminal, pedestal or environmentally controlled vault or other interconnection point, nor has MCIIm obtained a virtual collocation arrangement at these subloop interconnection points; and

6.2.4 Bell Atlantic has deployed packet switching capability for its own use.

Section 7. Local Switching

7.1—~~Definition~~ Bell Atlantic shall provide MCIIm unbundled, Non-Discriminatory access to Local Switching, including the ability to route to MCIIm's transport facilities, dedicated facilities and systems, at TELRIC-based rates; provided, however, that Bell Atlantic may charge the market-based rates set forth in Attachment I for Local Switching for MCIIm's provision of local service to customers who have four or more voice grade (DS0) or equivalent lines in the density zone 1 of the Washington, D.C. and Norfolk – Virginia

Beach – Newport News Metropolitan Statistical Areas (as defined as of January 1, 1999 under Section 69.123 of the FCC's rules), if Bell Atlantic also provides to MCIIm throughout the relevant density zone 1 Non-Discriminatory access at TELRIC prices to Loop Transport Combinations (including multiplexing/concentration equipment).

7.1.1 Definition. Local Switching (also known as Circuit Switching) is the Network Element that provides MCIIm the ability to use switching functionality in a Bell Atlantic end office switch, including all vertical services, ~~and/or features, functions, and capabilities of a switch, that Bell Atlantic already provides, or provides in the future pursuant to the BFR process set forth in Part A, Section 25, out of that switch.~~ MCIIm may request modifications to the switching functionality, including the vertical services and/or features, available in a Bell Atlantic end office switch pursuant to the BFR process set forth in Part A, Section 25. Local Switching will be provisioned with a port element, which provides line or trunk side access to Local Switching.

7.1.2 "Port element" or "port" means a line card (or equivalent) and associated peripheral equipment on an end office switch which serves as the interconnection between individual loops or individual subscriber trunks and the switching components of an end office switch and the associated switching functionality in that end office switch. Each port is typically associated with one (or more) telephone number(s) which serves as the subscriber's network address. The ~~P~~port element is part of the provision of Local Switching.

7.1.3 Local Switching includes line side and trunk side facilities and all features, functions, and capabilities of the switch, including, but not limited to:

7.1.3.1 The basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to Bell Atlantic's customers, such as a telephone number, white page listing and dial tone; and

7.1.3.2 All other features that the switch is capable of providing, including, but not limited to, customer calling customer local area signaling service features, and Centrex, as well as any Technically Feasible customized routing functions provided by the switch, plus the features, functions, and capabilities of the switch, as set forth in Section 7.1.1. It consists of the line side port (including connection between a loop termination and a switch line card, telephone number assignment, one primary Directory Listing, presubscription, and access to 911, Operator Services, basic intercept, and Directory Assistance), line and line group features (including appropriate vertical features and line blocking options), usage (including the connection of lines to lines, lines to trunks, trunks to lines, and trunks to trunks), and trunk features (including the connection between the trunk termination and a trunk card). **Components of Local**

Switching, to the extent that they are separately charged, shall be charged at the rates set forth in Attachment I.

7.1.4 Bell Atlantic shall offer, as an optional chargeable feature, daily usage tapes that include the "to and from" number, start time, and stop time, by line port, for all recorded local, access, and toll usage. MCIIm may request activation or deactivation of features on a per port basis at any time, and shall compensate Bell Atlantic for the non-recurring charges associated with processing the order.

7.2. Local Switching - Technical Requirements

7.2.1 Bell Atlantic shall route calls to the appropriate trunk or lines for call origination or termination.

7.2.2 Where Technically Feasible, Bell Atlantic will offer Specialized Routing for Local Switching lines and for lines provided to MCIIm under Local Resale. Bell Atlantic's initial deployment of Specialized Routing will route Directory Assistance and Operator Services calls (*i.e.*, 411, 555-1212, 0-, 0+local) to: (i) Bell Atlantic provided platforms; (ii) MCIIm designated platforms; or (iii) third-party platforms. Due to the constraints of the various switches in place in the Bell Atlantic service region, Bell Atlantic will implement a hybrid network solution for Specialized Routing. The hybrid solution encompasses three different technologies: Bell Atlantic's Common Channel Signaling Network/Advanced Intelligent Network (CCSN/AIN) and, for those office and call types not supported by AIN, Specialized Routing Nodes and/or line class codes. The Combinations of switch types, call types, and technology solutions currently available are identified in Exhibit D of this Attachment III. Exhibit D is subject to modification upon reasonable prior notification to MCIIm. The following terms and conditions apply to Specialized Routing service:

7.2.2.1 If MCIIm elects the wholesale discount for Local Resale which does not include Bell Atlantic Directory Assistance and Operator Services, MCIIm must request Specialized Routing for all End Offices where they elect to resell Bell Atlantic retail Telecommunications Services using this wholesale discount.

7.2.2.2 Specialized Routing will be activated for all MCIIm Local Resale and Local Switching end user lines and for all applicable call types (*i.e.*, 411, 555-1212, 0-, 0+local) in a requested End Office.

7.2.2.3 MCIIm is responsible for establishing the necessary transport to carry the rerouted calls to its Operator Services platform(s). Trunks will be required for traffic rerouted from the originating End Office and for traffic rerouted from the Specialized Routing Node. Bell Atlantic-supplied Dedicated Transport is available for use with Specialized

Routing, where facilities are available, in which case rates and charges for such transport will apply in addition to the rates and charges for Specialized Routing.

7.2.2.4 If the necessary trunks are not in place once a subscriber has been converted to MCI's local service, then the end user customer will receive a re-order tone.

7.2.2.5 Traffic rerouted via the Specialized Routing Nodes will be handed-off to MCI at a Point of Interconnection in the originating LATA.

7.2.2.6 Implementation of Specialized Routing will begin in the requested End Offices in the State no later than ninety (90) days after the beginning of the implementation interval, and will be finished for all requested End Offices in a State within one hundred eighty (180) days after the beginning of the implementation interval. The implementation interval for Specialized Routing will begin upon receipt by Bell Atlantic of a list of the End Offices from which MCI wishes to purchase Specialized Routing service.

7.2.2.7 Certain classes of service and/or line types are not supported by AIN-based Specialized Routing. These exceptions, identified in Exhibit E of this Attachment III, will be addressed by Bell Atlantic on a case-by-case BFR basis at MCI's request. Additional charges will apply for the development and implementation of the network solution(s) used to address these exceptions. Exhibit E of this Attachment III is subject to modification upon reasonable prior notification to MCI.

7.2.2.8 Due to the use of AIN technology for Specialized Routing, some existing and future AIN-based services may not work with Local Resale lines that employ Specialized Routing. Exhibit E of this Attachment III lists AIN services that are currently known to conflict with Specialized Routing.

7.2.3 Bell Atlantic shall provide standard recorded announcements at Parity.

7.2.4 Where requested by MCI, Bell Atlantic will attempt to change a subscriber from Bell Atlantic's services to MCI's services without loss of feature availability and functionality. However, dependent on the technical arrangements MCI chooses to use to provide their end user services, some feature interaction conflicts and resulting loss of feature availability and functionality may result.

7.2.5 For unbundled Bell Atlantic switching in Combination with an unbundled Bell Atlantic loop, Bell Atlantic shall perform routine testing (e.g., mechanized loop tests ("MLT")) at Parity upon receipt of a trouble report from MCIIm.

7.2.6 Bell Atlantic shall repair, restore and maintain Bell Atlantic provided equipment that has produced trouble conditions, at Parity and in a Non-Discriminatory manner, to minimize recurrence of trouble conditions in MCIIm's use of Local Switching.

7.2.7 Bell Atlantic shall control congestion points such as mass calling events, and network routing abnormalities, using capabilities such as automatic call gapping, automatic congestion control, and network routing overflow at Parity and in a Non-Discriminatory manner.

7.2.8 Bell Atlantic shall record billable events, involving usage of the element, and send the appropriate recording data to MCIIm as outlined in Attachment VIII.

7.2.9 Unbundled switching will include 911 access on the same basis as such access is provided in Bell Atlantic's network.

7.2.10 Bell Atlantic shall provide switching service point ("SSP") capabilities and signaling software to interconnect the signaling links destined to Bell Atlantic STPs at Parity. In the event that Local Switching is provided out of a switch without SS7 capability, and Bell Atlantic unbundled ~~Common~~ Shared Transport is purchased for use with Bell Atlantic's unbundled switching, Bell Atlantic's Tandem Office Switches shall provide this capability at Parity.

7.2.11 Bell Atlantic shall provide interfaces to Adjunct Equipment, which interfaces are identified in this Agreement, at Parity. Bell Atlantic shall provide interfaces to any other Adjunct Equipment at Parity pursuant to the BFR process.

7.2.12 From time to time MCIIm may request that Bell Atlantic provide unique reports of reasonable performance data regarding a subscriber line, traffic characteristics, or other reasonable elements. To the extent that such reports exceed that which Bell Atlantic provides itself or its subscribers, MCIIm shall pay reasonable charges for such reports.

7.2.13 Bell Atlantic shall assign each MCIIm subscriber line an unbundled switching class of service. MCIIm may request and Bell Atlantic will provide call blocking options (e.g., 900, 976) at Parity.

7.3 Interface Requirements:

7.3.1 Bell Atlantic shall provide the following unbundled switching interfaces:

Analog Basic (POTS) - line side, loop start or ground start signaling
Analog CENTREX - line side, loop start or ground start signaling
Analog PBX - line side, loop start or ground start signaling

Analog DID - trunk side, loop reverse-battery signaling, associated with a PBX
DS1 (DID) - trunk side, associated with a PBX
DS1 (IOF) - trunk side, associated with dedicated unbundled transport

These services will be more fully described in Exhibits F and G of this Attachment III. Additional interfaces may be developed in accordance with the BFR process set forth in Section 25 of Part A of this Agreement.

7.3.2 Bell Atlantic shall offer access to the following at Parity:

7.3.2.1 SS7 signaling or multi-frequency trunking;

7.3.2.2 Interface to MCIm or Bell Atlantic Operator Services systems through the use of Specialized Routing, as appropriate;

7.3.2.3 Interface to MCIm or Bell Atlantic Directory Assistance Services through the use of Specialized Routing, as appropriate; and

7.3.2.4 Access to other third-party carriers.

7.4 Integrated Services Digital Network ("ISDN")

Implementation of the first customer application of unbundled ISDN switching will require technical and operational coordination and testing by MCIm and Bell Atlantic to ensure that the requirements set forth in this section can be met. Should any of these requirements prove technically infeasible, the Parties shall cooperate to determine the requirements applicable to the unbundled service.

7.4.1 Technical Requirements — ISDN

7.4.1.1 Bell Atlantic shall offer data switching providing ISDN that, at a minimum:

7.4.1.1.1 Provides integrated packet handling capabilities at Parity;

7.4.1.1.2 Allows for full 2B+D channel functionality for BRI at Parity; and

7.4.1.1.3 Allows for full 23B+D channel functionality for PRI at Parity.

7.4.1.1.4 Each B channel shall allow for voice, 64 Kbps CSD, and PSD of 128 logical channels at minimum speeds of 19 Kbps throughput of each logical channel up to the total capacity of the B channel.

7.4.1.1.5 Each B channel shall provide capabilities for alternate voice and data on a per call basis.

7.4.1.1.6 The BRI D channel shall allow for call associated signaling, non-call associated signaling and PSD of 16 logical channels at minimum speeds of 9.6 Kbps throughput of each logical channel up to the total capacity of the D channel.

7.4.1.1.7 The PRI D channel shall allow for call associated signaling.

7.4.2 Interface Requirements — ISDN

7.4.2.1 Bell Atlantic shall provide the BRI U interface using 2-wire copper loops in accordance with TR-NWT-000393, January 1991, *Generic Requirements for ISDN Basic Access Digital Subscriber Lines*.

7.4.2.2 Bell Atlantic shall provide the BRI interface using digital subscriber loops adhering to Bellcore TR-NWT-303 specifications to interconnect DLCs.

7.4.2.3 Bell Atlantic shall offer PSD interfaces adhering to the X.25, X.75 and X.75' ANSI and Bellcore requirements.

7.4.2.4 Bell Atlantic shall offer PSD trunk interfaces operating at 56 kbps.

Section 8. Operator Systems

See Attachment VIII, Section 6.1.3 Directory Assistance Service and 6.1.4 Operator Service.

Section 9. ~~Common~~Shared Transport

9.1 Definition:

9.1.1 ~~Common~~Shared Transport means the Bell Atlantic-provided transmission facilities shared by more than one carrier, including Bell Atlantic, between end office switches and Bell Atlantic tandem switches, and between tandem switches in Bell Atlantic's network. Where Bell Atlantic Network Elements are connected by intra-office wiring, such wiring is provided as a part of the Network Elements and is not Shared transport. ~~consists of interoffice transmission paths between~~

~~Bell Atlantic Network Elements illustrated in Figure 1 shared by carriers.~~
Common Shared Transport consists of Bell Atlantic inter-office transport facilities and is distinct and separate from Local Switching. ~~Common Transport routes the call between two Bell Atlantic switches using the existing routers that are used by the Bell Atlantic network for Bell Atlantic's end users.~~



Figure 1

9.2 Technical Requirements

9.2.1 Bell Atlantic shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide **Common Shared Transport**.

9.3 Bell Atlantic shall offer Shared Transport at DS0, DS1, DS3, STS-1 or higher transmission bit rates.

9.3.1 Bell Atlantic shall provide MCIm with use of all technically feasible transmission facilities, features, functions, and capabilities of Shared Transport that MCIm could use in the provision of telecommunications services.

9.3.2 Bell Atlantic shall permit, to the extent technically feasible, MCIm to connect Shared Transport to equipment designated by MCIm, including, but not limited to, MCIm's collocated facilities.

Section 10. Dedicated Transport

10.1 Definition:

10.1.1 **"Dedicated Transport"** means the Bell Atlantic transmission facilities, including all Technically Feasible capacity-related services including, but not limited to, DS1, DS3 and OCn levels, dedicated to a particular customer or carrier, that provide telecommunications between wire centers owned by Bell Atlantic or requesting telecommunications carriers, or between switches owned by Bell Atlantic or requesting telecommunications carriers, is an interoffice transmission path of a fixed capacity between MCIm designated locations to which MCIm is granted exclusive use. Such locations may include Bell Atlantic Central Offices, other Telecommunication Carrier locations, subscriber premises,